

WHAT IS CLAIMED IS:

- Sub a1
Sub B2
1. A composition for control of parasitic insects and acarids comprising a combination of a pyrethroid and a nicotinyl compound.
 2. The composition of Claim 1 wherein in the pyrethroid is in a concentration of from 0.1 to 60% by weight and the nicotinyl compound is in a concentration of 0.001 to 25% by weight, based on the overall weight of the combination.
 3. The composition of Claim 1 wherein the pyrethroid is permethrin.
 - 10 Sub B3 4. The composition of Claim 1 wherein the nicotinyl compound is imidacloprid.
 5. The composition of Claim 1 comprising permethrin and imidacloprid.
 - Sub a2 6. A formulation for dermal control of parasitic insects and acarids comprising the combination of Claim 1, a solvent and optionally an auxiliary.
 7. A method of preparing the composition as recited in Claim 1, comprising mixing the pyrethroid and nicotinyl compound.
 8. A method of preparing the formulation of Claim 6, comprising mixing the pyrethroids, the nicotinyl compound, the solvent, and optionally the auxiliary.
 9. A process of treating a mammal or premise infected with insects and acarids comprising administering to the mammal or premise with the composition of Claim 1.
 - 25 10. A process of treating a mammal or premise infected with insects and acarids comprising administering to the mammal or premise with the formulation of Claim 6.